

Applicant's Copy

Form PTO-1449 (modified)	Atty. Docket No. UTSD:557USD1	Serial N. Unassigned
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant Kathryn F. Sykes and Stephen A. Johnston	
	Filing Date: filed concurrently herewith	Group: unknown
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
AX	A1	5,703,057	12/30/97	Johnston <i>et al.</i>	514	44	4/7/95
AX	A2	6,001,590	12/14/99	Komeda <i>et al.</i>	435	69.1	09/12/96
AX	A3	6,143,530	11/7/00	Crouzet <i>et al.</i>	435	91.42	2/21/96
AX	A4	6,280,977	8/28/01	Liang <i>et al.</i>	435	91.2	3/23/00

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
AX	B1	DD 206791	02/08/84	German Democratic Rep.			No
AX	B2	EP 220482	05/06/87	Europe			
AX	B3	JP 6253863	09/13/94	Japan			No
AX	B4	JP 9135694	05/27/97	Japan			No
AX	B5	WO 0056914	9/28/2000	PCT			
AX	B6	WO 92/08798	05/29/82	PCT			
AX	B7	WO 93/24639	12/09/93	PCT			
AX	B8	WO 96/26270	8/29/96	PCT			
AX	B9	WO 97/10345	03/20/97	PCT			Abstract
AX	B10	WO 98/21322	5/1998	PCT			
AX	B11	WO 98/38296	09/03/98	PCT			
AX	B12	WO 99/02671	1/21/99	PCT			
AX	B13	WO 99/45130	09/10/99	PCT			
AX	B14	WO 99/66053	12/23/99	PCT			

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PA	C1	Aslanidis and Jong, "Ligation-independent cloning of PCR products (LIC-PCR)," <i>Nucl. Acids Res.</i> , 18:6069-6074, 1990.
PA	C2	Aslanidis <i>et al.</i> , "Minimal length requirement of the single-stranded tails for ligation-independent cloning (LIC) of pcr products," <i>PCR Methods and Applications</i> , 4:172-177, 1994.
PA	C3	Barry <i>et al.</i> , "Protection against mycoplasma infection using expression-library immunization," <i>Nature</i> , 377:632-635, 1995.
PA	C4	Bolen <i>et al.</i> , "Isolation and sequence analysis of a gene from the linear DNA plasmid pPacl-2 of <i>pichia acaciae</i> that shows similarity to a killer toxin gene of <i>Kluyveromyces lactis</i> ," <i>Yeast</i> , 10:403-414, 1994.
PA	C5	Buttrick <i>et al.</i> , "Behavior of genes directly injected into the rat heart in vivo," <i>Circulation Res.</i> , 70:193-198, 1992.
PA	C6	Carlyon <i>et al.</i> , "Analysis of the organization of multicopy linear- and circular-plasmid-carried open reading frames in <i>borrelia burgdorferi</i> sensu lato isolates," <i>Infect. Immun.</i> , 66:1149-1158, 1998.
PA	C7	Cassata <i>et al.</i> , "Rapid expression screening of <i>caenorhabditis elegans</i> homeobox open reading frames using a two-step polymerase chain reaction promoter- <i>gfp</i> reporter construction technique," <i>Gene</i> , 212:127-135, 1998.
PA	C8	Court and Bertrand, "Expression of the open reading frames of a senescence-inducing, linear mitochondrial plasmid of <i>neurospora crassa</i> ," <i>Plasmid</i> , 30:51-66, 1993.
PA	C9	Felgner and Liang, "Debugging expression screening," <i>Nature Biotech.</i> , 17: 329-330, 1999.
PA	C10	Griffith and Yang, "Recombination between heterologous linear and circular mitochondrial plasmids in the fungus <i>neurospora</i> ," <i>Mol. Gen. Genet.</i> , 249:25-36, 1995.
PA	C11	Grzeszik <i>et al.</i> , "Genes encoding the NAD-reducing hydrogenase of <i>rhodococcus opacus</i> mr11," <i>Microbiology</i> , 143:1271-1286, 1997.
PA	C12	Gusew <i>et al.</i> , "Linear DNA must have free ends to transform rat cells efficiently," <i>Mol. Gen. Genet.</i> , 206:121-125, 1987.
PA	C13	Haun and Moss, "Ligation-independent cloning of glutathione S-transferase fusion genes for expression in <i>Escherichia coli</i> ," <i>Gene</i> , 112:37-43, 1992.

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AA	C14	Haun <i>et al.</i> , "Rapid, reliable ligation-independent cloning of pcr products using modified plasmid vectors," <i>Biotechniques</i> , 12:515-518, 1992.
AA	C15	Johnston and Barry, "Genetic to genomic vaccination," <i>Vaccine</i> , 15:808-809, 1997.
AA	C16	Kain <i>et al.</i> , "Universal promoter for gene expression without cloning: Expression-PCR," <i>Biotechniques</i> , 10:366-368, 370, 371, 374, 1991.
AA	C17	Kaluz and Flint, "Ligation-independent cloning of pcr products with primers containing nonbase residues," <i>Nucl. Acids Res.</i> , 22:4845, 1994.
AA	C18	Kamper <i>et al.</i> , "Heterologous gene expression on the linear DNA killer plasmid from <i>Kluyveromyces lactis</i> ," <i>Curr. Genet.</i> , 19:109-118, 1991.
AA	C19	La Flamme <i>et al.</i> , "Trypanosoma cruzi: expression of interleukin-2 utilizing both supercoiled plasmids and linear DNA's," <i>Exp. Parasitol.</i> , 83:159-163, 1996.
AA	C20	Li <i>et al.</i> , "Delivery of a PCR amplified DNA fragment into cells: a model for using synthetic genes for gene therapy," <i>Gene Therapy</i> , 4:449-454, 1997.
AA	C21	Lobocka <i>et al.</i> , "Characterization of the primary immunity region of the <i>Escherichia coli</i> linear plasmid prophage N15," <i>J. Bacteriol.</i> , 178:2902-2910, 1996.
AA	C22	Logel <i>et al.</i> , "Synthesis of cma probes from pcr-generated dna," <i>Biotechniques</i> , 13:604-610, 1992.
AA	C23	Mead <i>et al.</i> , "A universal method for the direct cloning of pcr amplified nucleic acid," <i>Biotechnology</i> , 9:657-663, 1991.
AA	C24	Meinhardt <i>et al.</i> , "A novel approach to express a heterologous gene <i>kluyveromyces lactis</i> linear killer plasmids: expression of the bacterial APH gene from a cytoplasmic promoter fragment without in-phase fusion to the plasmid open reading frame," <i>Plasmid.</i> , 32:318-327, 1994.
AA	C25	Monoco <i>et al.</i> , "Expression of recombinant human granulocyte colony-stimulating factor in CHO dhfr cells: new insights into the in vitro amplification expression system," <i>Gene</i> , 180:145-150, 1996.
AA	C26	Nisson <i>et al.</i> , "Rapid and efficient cloning of Alu-PCR products using uracil DNA glycosylase," <i>PCR Methods and Applications</i> , 1:120-123, 1991.

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<i>JS</i>	C27	Rashtchian et al., "Uracil; DNA glycosylase-mediated cloning of polymerase chain reaction-amplified DNA: Application to genomic and cDNA cloning," <i>Anal. Biochem.</i> , 206:91-97, 1992.
<i>JS</i>	C28	Rashtchian, "Novel methods for cloning and engineering genes using the polymerase chain reaction," <i>Curr. Opin. Biotech.</i> , 6:30-36, 1995.
<i>JS</i>	C29	Sampath et al., "Versatile vectors for direct cloning and ligation-independent cloning of PCR-amplified fragments for surface display on filamentous bacteriophages," <i>Gene</i> , 190:5-10, 1997.
<i>JS</i>	C30	Schickel et al., "Kluyveromyces lactis killer system: analysis of cytoplasmic promoters of the linear plasmids," <i>Nucleic. Acids Res.</i> , 24:1879-1886, 1996.
<i>JS</i>	C31	Schrunder and Meinhardt, "An extranuclear expression system for analysis of cytoplasmic promoters of yeast linear killer plasmids," <i>Plasmid</i> , 33:139-151, 1995.
<i>JS</i>	C32	Schrunder et al., "Extranuclear expression of the bacterial xylose isomerase (xylA) and the UDP-glucose dehydrogenase (hasB) genes in yeast with kluyveromyces lactis linear killer plasmids as vectors," <i>Curr. Microbiol.</i> , 33:323-330, 1996.
<i>JS</i>	C33	Sekine et al., "Identification and characterization of the linear IS3 molecules generated by staggered breaks," <i>J. Biol. Chem.</i> , 271:197-202, 1996.
<i>JS</i>	C34	Switzer et al., "Rapid screening of open reading frames by protein synthesis with an in vitro transcription and translation assay," <i>Biotechniques</i> , 18:244-248, 1995.
<i>JS</i>	C35	Sykes and Johnston, "Linear expression elements: a rapid, in vivo, method to screen for gene functions," <i>Nat. Biotech.</i> , 17:355-359, 1999.
<i>JS</i>	C36	Tang et al., "Genetic immunization is a simple method for eliciting an immune response," <i>Nature</i> , 356:152-154, 1992.
<i>JS</i>	C37	Tanguy-Rougeau et al., "Expression of a foreign Km ^R gene in linear killer DNA plasmids in yeast," <i>Gene</i> , 91:43-50, 1990.
<i>JS</i>	C38	Ton-Hoang et al., "Efficient transportation of IS911 circles in vitro," <i>Embo. J.</i> , 17:1169-1181, 1998.
<i>JS</i>	C39	Turner and Moyer, "A PCR-based method for manipulation of the vaccinia virus genome that eliminates the need for cloning," <i>BioTechniques</i> , 13:764-771, 1992.
<i>JS</i>	C40	Wess, "German start-up mologen to develop DNA vaccines," Article

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Exam. Init.	Ref. Des.	Citation
	C41	Xie and Tsong, "Study of mechanisms of electric field-induced DNA transfection. V. effects of DNA topology on surface binding, cell uptake, expression, and integration into host chromosomes of DNA in the mammalian cell," <i>Biosphys. Jour.</i> , 65:1684-1689, 1993.

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